

100-443887-100

THE UNIVERSITY OF CHICAGO

7

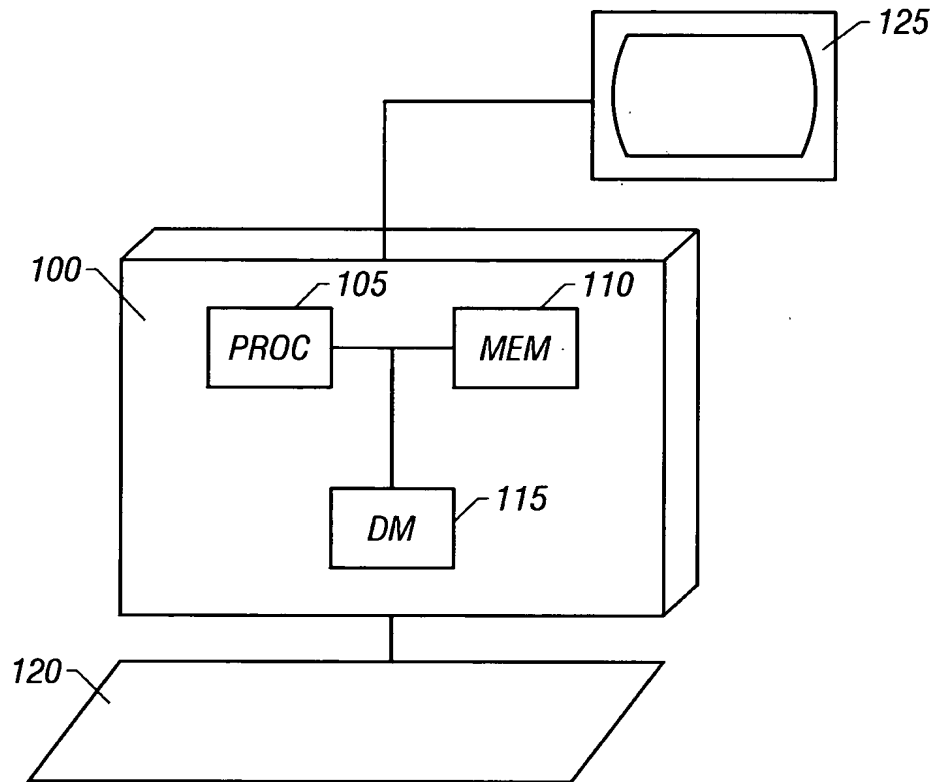


FIG. 1



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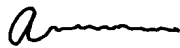

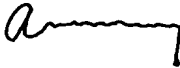


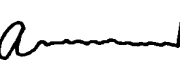
| PATH # USED IN THE PROTOTYPE STUDY NOTEBOOK | SILHOUETTE | DEFINITION OF PROFILE |
|---|---|--|
| .001 |  | CAPITAL "A" WITH NO "POLES" OR "HOLES" (NO PROTRUDING LETTERS LIKE "b, d, h, k, l" ABOVE MIDLINE OR BELOW BASELINE SUCH AS "g, p, y, z, x, ETC.") |
| .002 |  | CAPITAL "A" WITH ONE "HOLE" (DOWN STROKE) SOMEWHERE IN THE MIDDLE OF THE WORD --AT LEAST ONE LETTER AWAY FROM THE CAPITAL "A" AND NOT AT THE END. |
| .003 |  | CAPITAL "A" WITH ONE "HOLE" (DOWN STROKE) AT THE END. |
| .005 |  | CAPITAL "A" WITH ONE "POLE" (HIGH STROKE) SOMEWHERE IN THE MIDDLE OF THE WORD --AT LEAST ONE LETTER AWAY FROM THE CAPITAL "A" AND NOT AT THE END OR NEXT TO THE END. |
| .006 |  | CAPITAL "A" WITH ONE "POLE" (HIGH STROKE) LOCATED ONE LETTER AWAY FROM THE END --SUCH AS "-le, -ly, -de, -te, -dy, -by, ETC." |
| .007 |  | CAPITAL "A" WITH ONE "POLE" (HIGH STROKE) LOCATED AT THE END. |

FIG. 2A

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| PATH # USED IN THE PROTOTYPE STUDY NOTEBOOK | SILHOUETTE | DEFINITION OF PROFILE |
|---|------------|--|
| .025 | | CAPITAL "A" WITH TWO ADJACENT "POLES" (TWO CONSECUTIVE UP STROKES) SOMEWHERE IN THE MIDDLE OF THE WORD --AT LEAST ONE LETTER AWAY FROM THE CAPITAL "A" AND NOT AT THE END. |
| .043 | | CAPITAL "A" WITH TWO ADJACENT "POLES" (TWO CONSECUTIVE UP STROKES) AT THE TERMINAL END. |
| .052 | | CAPITAL "A" WITH "POLE" FUSED WITH A "HOLE" CREATING A CONTINUOUS LINE THAT BREAKS BOTH THE UPPER AND LOWER HORIZON LINES. --- THIS WOULD RECOGNIZE THE PRESENT DAY CURSIVE LETTER "f" AND COULD ALSO FILTER 18TH CENTURY WORDS FOR THE OLD STYLE "S". |
| .092 | | TERMINAL "f" OR 18TH CENTURY "S" ("f") |
| .102 | | DOUBLE "f" OR DOUBLE 18TH CENTURY "S" LOCATED IN THE MIDDLE OF THE NAME. |
| .120 | | DOUBLE TERMINAL "f" OR DOUBLE 18TH CENTURY "S" AT THE END OF THE WORD. |

FIG. 2B





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 →
 
 .002 .005 2-5

FIG. 3A





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 .005 .002 5-2

FIG. 3B

FOUO 225200

| "HIGH PROFILE" LETTERS OR "TALLS" | PRIME # | "LOW PROFILE" LETTERS (GOPHERS) | PRIME # | BOTH HIGH AND LOW PROFILE LETTER | PRIME # | FIRST SYLLABLE BLEND | FILE # | DEFINITION |
|---|------------|---------------------------------------|------------|--|------------|----------------------------|--------|---|
| | | | | | | A--- | 10. | "A" \ NO HIGH PROFILE IN ADJACENT POSITION |
| b | 1 | | | | | Ab--- | 110. | "Ab"-- ONLY ONE HIGH PROFILE LETTER FOLLOWED BY MEDIAN |
| | | | | | | Abb--- | 111. | "ABB"-- TWO HIGH PROFILE LETTERS ADJACENT TO "A" |
| | 2 | | | | | Ad--- | 120. | 2ND LETTER "HIGH" 3RD LETTER "MEDIAN" |
| d | | | | | | Adb-- | 121. | 2 "HIGHS" (d b) |
| | | | | | | Add-- | 122. | 2 "HIGHS" (d d) |
| | | | | | | Adk-- | 124. | 2 "HIGHS" (d k) |
| | | | | | | Adl--- | 125. | 2 "HIGHS" (d l) |
| | | | | | | | | |

FIG. 4

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CHENANGO COUNTY, NEW YORK

| TOWN | PHOTOCOPY OF DOCUMENT (N.Y. TAX ROLLS - 1800) | PATH # (ZIP CODE) | HYBRIDIZATION FACTORS | SILHOUETTE | DIGITIZED NAME |
|------|--|----------------------|--------------------------|-----------------|-------------------|
| 17 | Arnold Tily | 10.043 | - | <i>Arnold</i> | Arnold |
| 18 | Alvord Benjamin | 150.007 | - | <i>Alvord</i> | Alvord |
| 19 | Alvord Ira | SAME | - | SAME | SAME |
| 20 | Abell Isber | 110.043 | - | <i>Abell</i> | Abell |
| 21 | Annis Oliver | 10.001 | - | <i>Annis</i> | Annis (Amis) |
| 22 | Abbot Willard | 111.007 | - | <i>Abbot</i> | Abbot (Abbat) |
| 23 | Austin Caleb | 10.005 | - | <i>Austin</i> | Austin |
| 24 | Aber Williams | 110.001 | - | <i>Aber</i> | Aber |
| 25 | Ashard Samuel | 10.023 | 5.7 | <i>Ashard</i> | Ashard * |
| 26 | Allerton William | 155.005 | - | <i>Allerton</i> | Allerton |

* NAME FOUND IN 1800 N.Y. TAX ROLLS, BUT NOT IN WEST L.A. PHONE BOOK
CONSEQUENTLY THIS WOULD NOT HAVE BEEN INCLUDED IN A SPELLCHECK LIST

FIG. 5B



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| 10.000 | 10.001 | 10.002 | 10.003 | 10.004 | 10.005 | 10.006 | 10.007 | 10.008 | 10.009 | 10.010 |
|------------|----------|--------|--------|--------|-----------|---------|--------|--------|----------|--------|
| Hybrid #'s | | PRIME | PRIME | 2-3 | PRIME | PRIME | PRIME | 2-2 | 2-5 | 2-5-3 |
| SILHOUETTE | a | ay | amy | ayy | a | a | a | att | apt | ayy |
| | Aaron | | | | Acken | | | | | |
| | Aaronson | | | | Acker | Acevedo | Acret | | | |
| | | | | | Ackerman | | | | | |
| | | | | | Ackermann | | | | | |
| | Acaas | | | | Ackerson | | | | | |
| | Acamon | | | | Acton | Acosta | | | | |
| | Acres | | | | Ainslie | | | | | |
| | Aceves | | | | Amber | | Amet | | | |
| | | | | | Ambers | | Amick | | | |
| | Ain | | Airey | | Ambrose | | Amound | | | |
| | Ainis | | | | Ambrosini | | | | | |
| | Airs | | | | Ambrosio | | | | | |
| | | | | | Amiani | | | | | |
| | Ames | Amcaro | Amey | | Amier | | | | | |
| | Amies | Amcere | Amery | | Amlin | | | | | |
| | Amiri | | | | Anastasi | | Anisn | | Angelino | |
| | Amirian | Amyas | | | Anderson | | Annand | | Angeus | |
| | Amis | | | | Andersson | | Ansel | | Anglin | |
| | Amisss | | | | Andiman | | | | Angsten | |
| | Ammerman | | | | Andrew | | | | | |

FIG. 6A



| 10.000 | 10.001 | 10.002 | 10.003 | 10.004 | 10.005 | 10.006 | 10.007 | 10.008 | 10.009 | 10.010 |
|------------|---------|----------|-----------|--------|----------|---------|---------|--------|----------------|--------|
| PATH #'s | | PRIME | PRIME | 2-3 | PRIME | PRIME | PRIME | 2-2 | 2-5 | 2-5-3 |
| SILHOUETTE | Am | Ang | Amny | Angny | Amnd | Amnd | Amnd | att | apt | att |
| | Ammons | | | | Andrews | | | | | |
| | Amos | | | | Andrus | | | | | |
| | Amron | | | | Anker | | | | | |
| | | | | | Ankers | | | | | |
| | Anis | Angres | | | Annakin | | | | | |
| | Anisman | | Anning | | Anselmo | | | | | |
| | Annis | Anguiano | | | Anslie | | | | | |
| | Ansin | | Ansary | | Anstie | | | | | |
| | Anson | | Ansay | | Antin | | | | Anzalone | |
| | Ansan | | | | Anton | | | | | |
| | Anwar | Angus | | | | | | | | |
| | | Angwin | | | Arbisser | | Arch | | Arguenta → 2.3 | |
| | Arenson | Anyan | | | Archie | Ariola | Arnench | | Arrington | |
| | Arias | | Arcay | | Archer | Armenta | Armand | | | |
| | Aris | | Arney | | Arden | Arruda | Armond | | | |
| | Arison | | Aronowicz | | Ardern | | | | | |
| | Armer | Aragon | | | Ardmore | | | | | |
| | Armon | Araiza | | | Arduser | | | | | |
| | Armour | Ariza | | | Arlen | | | | | |
| | Arnesen | | | | Ascher | | Ash | | | |

FIG. 6B

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| 10.000 | 10.001 | 10.002 | 10.003 | 10.004 | 10.005 | 10.006 | 10.007 | 10.008 | 10.009 | 10.010 |
|------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| PATH #'s | | PRIME | | 2-3 | PRIME | PRIME | PRIME | 2-2 | 2-5 | 2-5-3 |
| SILHOUETTE | <i>a</i> | <i>ay</i> | <i>ay</i> | <i>ay</i> | <i>ay</i> | <i>ay</i> | <i>ay</i> | <i>ay</i> | <i>ay</i> | <i>ay</i> |
| | Aron | | | | Asher | | | | | |
| | Aronson | | | | Ashenan | | | | | |
| | Aronow | | | | Ashman | | | | | |
| | Arrow | | | | Ashmore | | | | | |
| | | | | | Ashouri | | | | | |
| | Asimov | | | | Askari | | | | | |
| | Asner | | | | Askin | | | | | |
| | | | | | Askew | | | | | |
| | Auer | | | | Aster | | | | | |
| | Aves | | | | Aston | | Auch | | Augustein | |
| | Avin | | | | Austen | Avila | | | Augustine | |
| 1/6/99 | Avins | | | | Austin | | Aveni | | | |

FIG. 6C



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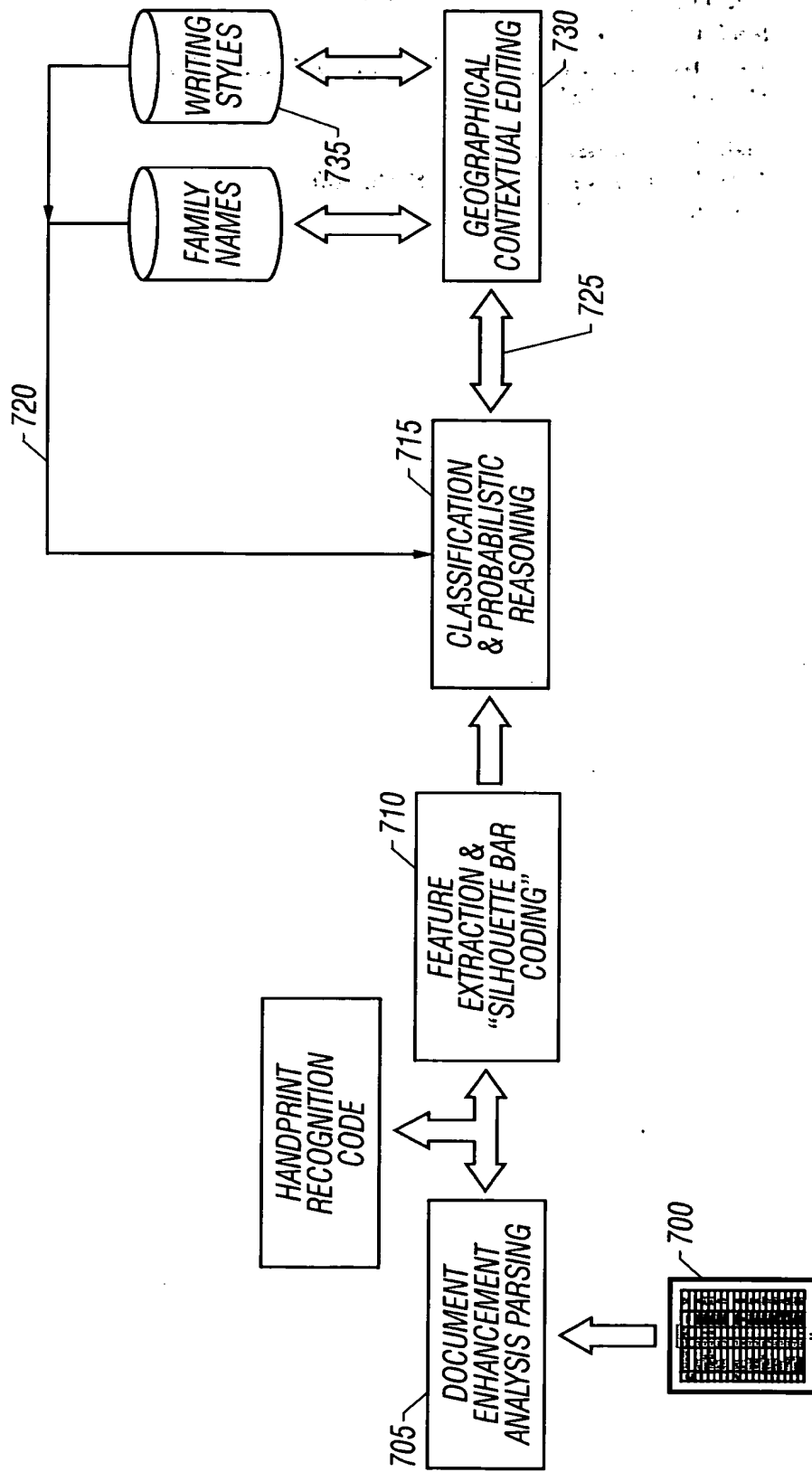


FIG. 7

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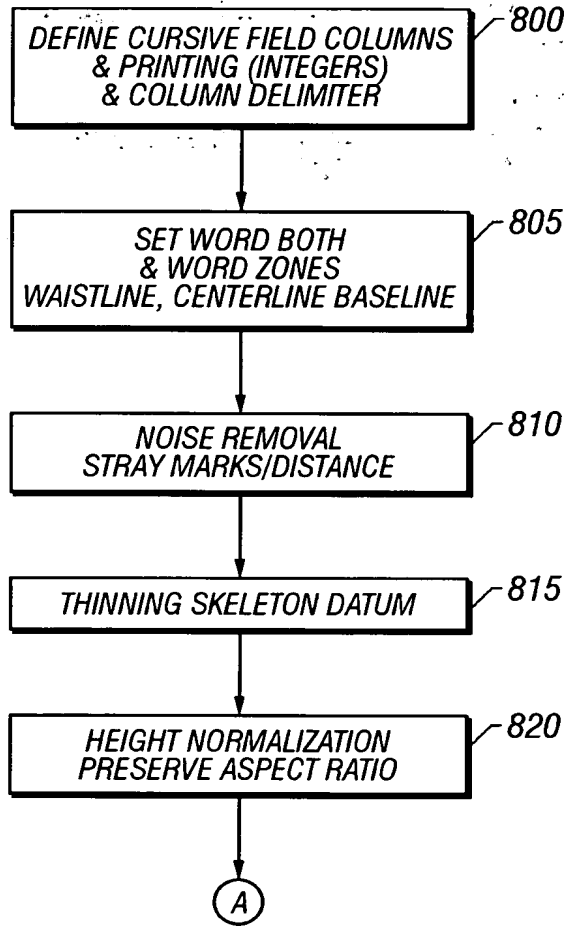


FIG. 8

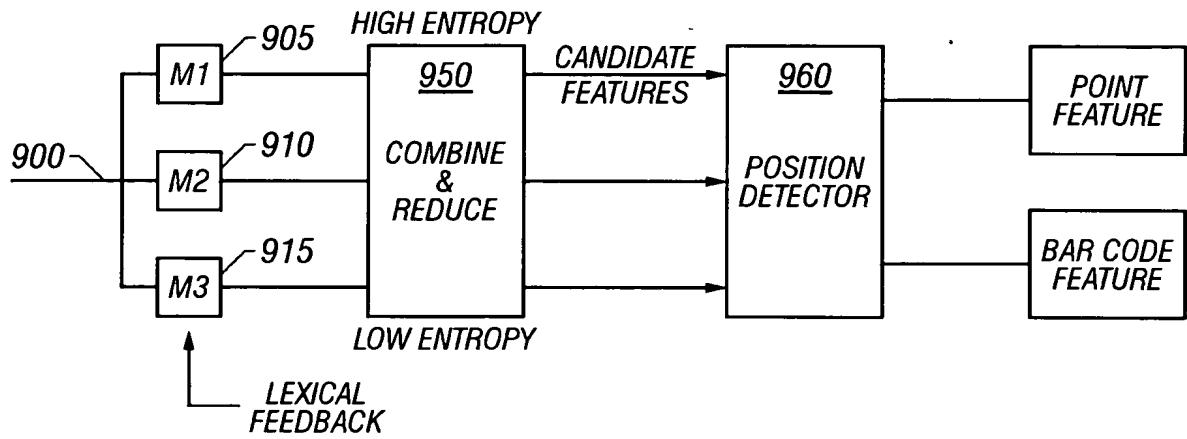


FIG. 9

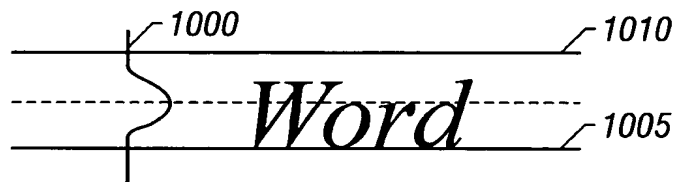


FIG. 10

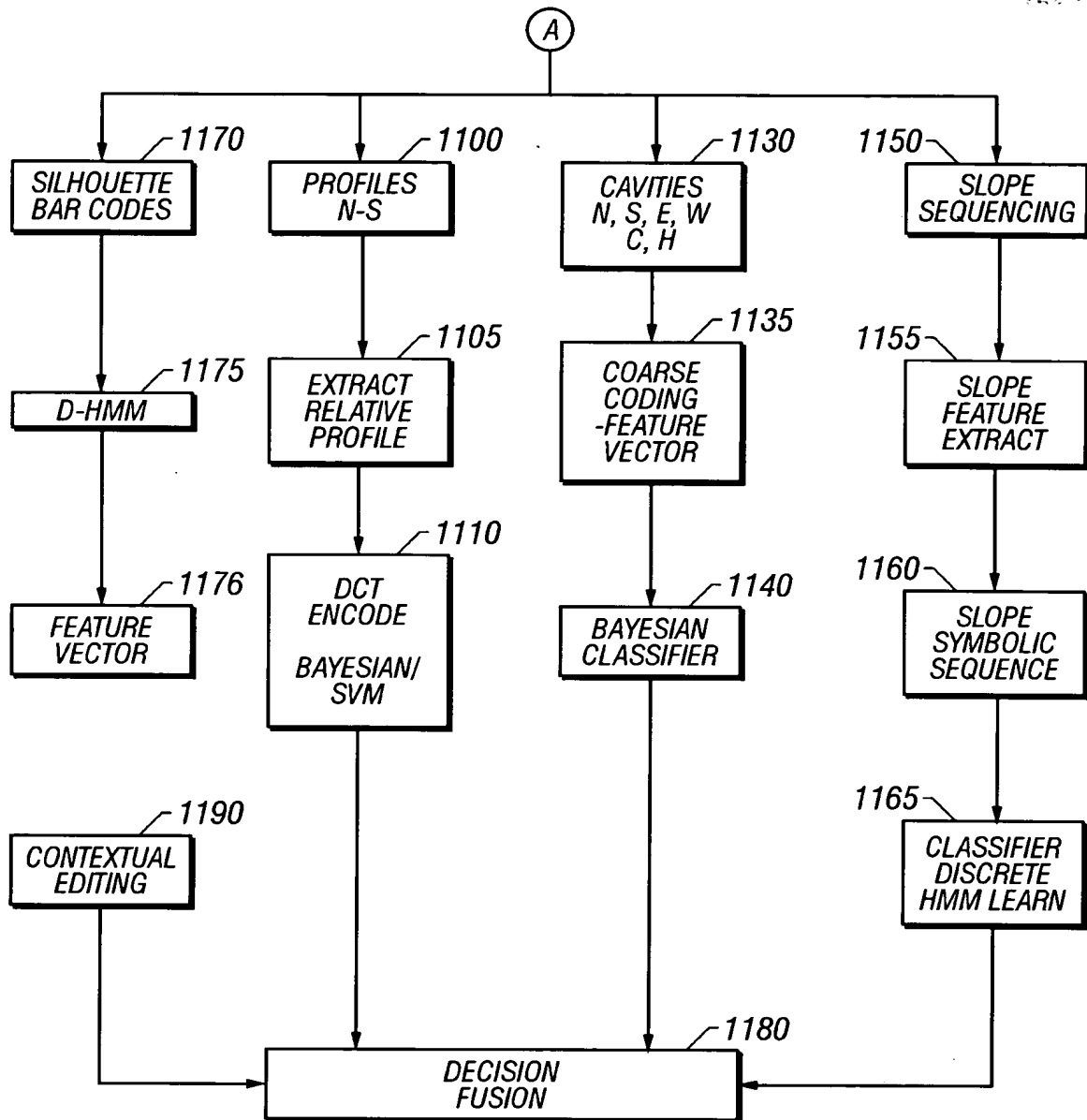


FIG. 11

[illegible]